

ILLINOIS REGION 3 PROTOCOLS

GLUCAGON (GLUCAGEN)	
CLASS	Endocrine – pancreatic hormone
ACTION	<ul style="list-style-type: none"> ▪ Causes breakdown of glycogen stored in the liver to glucose ▪ Inhibits glycogen synthesis ▪ Elevates blood glucose level
INDICATIONS	Hypoglycemia when unable to establish an IV site
CONTRAINDICATIONS	<ul style="list-style-type: none"> ▪ Hypersensitivity to the drug ▪ Hypersensitivity to beef or pork protein
PRECAUTIONS	<ul style="list-style-type: none"> ▪ Only effective if there are sufficient stores of glycogen in the liver ▪ Use with caution in patients with cardiovascular or renal disease ▪ Transport immediately after administration
SIDE EFFECTS	Nausea / vomiting
ROUTE	IM
DOSE	0.5 – 1 unit (1 unit = 1 mg)
PEDIATRIC DOSE	<ul style="list-style-type: none"> ▪ 0.03 mg/kg – maximum dose 1 mg ▪ Utilize Broselow tape or pediatric weight based dosing chart to confirm dose ▪ Reference policy PED-12.2
ONSET	5 to 20 minutes
DURATION	20 to 30 minutes
STOCK	(1) 1 mg (1 unit) vial; with diluent